



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/711,829
Application of: Whitesides, et al.
Confirmation No. : 5828
Filed: October 7, 2004
Group Art Unit: 2673
Examiner: Not Yet Known

Attorney Docket No.: H-396
Customer No.: 26245

Cambridge, Massachusetts
March 20, 2006

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Sir:

The applicant is filing this Information Disclosure Statement to make of record US and foreign patents and applications, and non-patent references. The references it is desired to make of record are listed on the accompanying Forms.

With one exception, all of the references filed herewith are in the English language, or an English Abstract is provided, so that, pursuant to 37 CFR 1.98(a)(3), no statement of the relevance of these references is required. The exception is DOS 25 73 763, which was cited by way of background art in the International Search Report WO 2003/107315 A3; a copy of this International Search Report is enclosed. As shown in the drawing, this DOS describes an active matrix liquid crystal display in which each pixel is provided with an array of three capacitors (3, 4, 5) so that after information has been written to the display during a first period, the field on the pixel is maintained during at least one subsequent period (see the characterizing clause of claim 1).

The Examiner is respectfully asked to note that, for the convenience of both the Examiner and the undersigned attorney, certain prior art documents mentioned in the application have been replaced by their US equivalents or other convenient equivalents, as follows:

| <u>Document not supplied</u> | <u>Alternative supplied</u> |
|------------------------------|-----------------------------|
| US20020019081 | US6825068 |
| US20020021270 | US6816147 |
| US20020075556 | US6788449 |
| US20020106847 | US6683333 |
| US20020131147 | US6866760 |
| US20020171910 | US6870661 |
| US20020180688 | US6864875 |
| US20020185378 | US6822782 |
| US20030020844 | US6967640 |
| US20030025855 | US6831769 |
| US20030038755 | US6819471 |
| US20030053189 | US6825970 |
| US20030137717 | US6839158 |
| US20030214695 | US6950220 |
| US20030214697 | US6865010 |
| US20040008398 | US6842279 |
| US20040012839 | US6958848 |
| WO 00/38001 | US6724519 |
| WO 00/52102 | US6398858 |
| WO 00/53681 | US6221143 |
| WO 01/08241 | US6842657 |
| WO 01/27690 | US6870657 |
| WO 02/01281 | US6672921 |

| <u>Document not supplied</u> | <u>Alternative supplied</u> |
|------------------------------|-----------------------------|
| WO 2004/023195 | US2004/0155857 |
| WO 2004/049045 | US2004/0180476 |
| WO 96/18695 | US5554739/US5571311 |
| WO 99/10767 | US6067185 |
| WO 99/67678 | EP1145072B1 |

In accordance with 37 CFR 1.98(a)(2) no copies of the listed U.S. patents and applications are being filed. Furthermore, only copies of the following References are being filed herewith since the remaining foreign patents and non-patent references are readily available to the Examiner in the file of the parent Application Serial No. 10/708,130:

References C2, C9, C11, C19, C21, C28-30, C36, C41, C56, C64, C72, C74, C78.

Also filed is a copy of the corresponding International Search Report and Written Opinion of the International Searching Authority, issued August 8, 2005.

Since this Information Disclosure Statement is being filed after the issue of an Office Action in this case, but before issue of a Notice of Allowance, the fee prescribed by 37 CFR 1.17(p) is payable and is included on the enclosed Fee Transmittal.

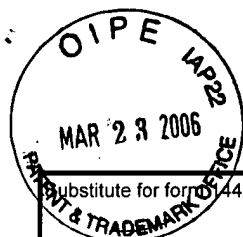
Respectfully submitted,



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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Using as many sheets as necessary)

Sheet: 1 of 26

Complete if Known

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|----------------------|------------------|
| Application Number | 10/711,829 |
| Filing Date | October 7, 2004 |
| First Named Inventor | Whitesides |
| Art Unit | 2673 |
| Examiner Name | Choi, William C. |
| Attorney Docket No. | H-396 |

U.S. Patent Documents

| Examiner Initials* | Cite No. *1 | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear |
|--------------------|-------------|-----------------|------------------|---|---|
| | A1 | H1828 | 01/04/2000 | Wong et al. | |
| | A2 | 20050151709 | 07/14/2005 | Jacobson et al. | |
| | A3 | 20050122563 | 06/09/2005 | Honeyman et al. | |
| | A4 | 20050067656 | 03/31/2005 | Denis et al. | |
| | A5 | 20050062714 | 03/24/2005 | Zehner et al. | |
| | A6 | 20050041004 | 02/24/2005 | Gates et al. | |
| | A7 | 20050035941 | 02/17/2005 | Albert et al. | |
| | A8 | 20050024353 | 02/03/2005 | Amundson et al. | |
| | A9 | 20050018273 | 01/27/2005 | Honeyman et al. | |
| | A10 | 20050017944 | 01/27/2005 | Albert | |
| | A11 | 20050012980 | 01/20/2005 | Wilcox et al. | |
| | A12 | 20050007653 | 01/13/2005 | Honeyman et al. | |
| | A13 | 20050007336 | 01/13/2005 | Albert et al. | |
| | A14 | 20050001812 | 01/06/2005 | Amundson et al. | |
| | A15 | 20050000813 | 01/06/2005 | Pullen et al. | |
| | A16 | 20040263947 | 12/30/2004 | Drzaic et al. | |
| | A17 | 20040257635 | 12/23/2004 | Paolini, Jr. et al. | |
| | A18 | 20040252360 | 12/16/2004 | Webber et al. | |
| | A19 | 20040239614 | 12/02/2004 | Amundson et al. | |
| | A20 | 20040226820 | 11/18/2004 | Webber et al. | |
| | A21 | 20040196215 | 10/07/2004 | Duthaler et al. | |
| | A22 | 20040190114 | 09/30/2004 | Jacobson et al. | |
| | A23 | 20040180476 | 09/16/2004 | Kazlas et al. | |
| | A24 | 20040155857 | 08/12/2004 | Duthaler et al. | |
| | A25 | 20040119681 | 06/24/2004 | Albert et al. | |
| | A26 | 20040112750 | 06/17/2004 | Jacobson et al. | |
| | A27 | 20040105036 | 06/03/2004 | Danner et al. | |
| | A28 | 20040094422 | 05/20/2004 | Pullen et al. | |
| | A29 | 20040075634 | 04/22/2004 | Gates | |
| | A30 | 20040027327 | 02/12/2004 | LeCain et al. | |

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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*1Applicant's unique citation designation number (optional). *2Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Using as many sheets as necessary) | | Application Number | 10/711,829 |
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| Sheet: 2 of 26 | | | |

| U.S. Patent Documents | | | | | |
|-----------------------|-------------|-----------------|------------------|---|---|
| Examiner Initials* | Cite No. *1 | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear |
| | A31 | 20040027327 | 02/12/2004 | LeCain et al. | |
| | A32 | 20040014265 | 01/22/2004 | Kazlas et al. | |
| | A33 | 20030222315 | 12/04/2003 | Amundson et al. | |
| | A34 | 20030222315 | 12/04/2003 | Amundson et al. | |
| | A35 | 20030214695 | 11/20/2003 | Abramson et al. | |
| | A36 | 20030151702 | 08/14/2003 | Morrison et al. | |
| | A37 | 20030137521 | 07/24/2003 | Zehner et al. | |
| | A38 | 20030132908 | 07/17/2003 | Herb et al. | |
| | A39 | 20030102858 | 06/05/2003 | Jacobson et al. | |
| | A40 | 20030011560 | 01/16/2003 | Albert et al. | |
| | A41 | 20020180687 | 12/05/2002 | Webber | |
| | A42 | 20020130832 | 09/19/2002 | Baucom et al. | |
| | A43 | 20020113770 | 08/22/2002 | Jacobson et al. | |
| | A44 | 20020090980 | 07/11/2002 | Wilcox et al. | |
| | A45 | 20020063661 | 05/30/2002 | Comiskey et al. | |
| | A46 | 20020060321 | 05/23/2002 | Kazlas et al. | |
| | A47 | 6967640 | 11/22/2005 | Albert et al. | |
| | A48 | 6958848 | 10/25/2005 | Cao et al. | |
| | A49 | 6950220 | 09/27/2005 | Abramson et al. | |
| | A50 | 6922276 | 07/26/2005 | Zhang et al. | |
| | A51 | 6870661 | 03/22/2005 | Pullen et al. | |
| | A52 | 6870657 | 03/22/2005 | Fitzmaurice et al. | |
| | A53 | 6866760 | 03/15/2005 | Paolini, Jr. et al. | |
| | A54 | 6865010 | 03/08/2005 | Duthaler et al. | |
| | A55 | 6864875 | 03/08/2005 | Drzaic et a. | |
| | A56 | 6859302 | 02/22/2005 | Liang et al. | |
| | A57 | 6842657 | 01/11/2005 | Drzaic et al. | |
| | A58 | 6842279 | 01/11/2005 | Amundson | |
| | A59 | 6842167 | 01/11/2005 | Albert et al. | |
| | A60 | 6839158 | 01/04/2005 | Albert et al. | |

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| Sheet: 3 of 26 | Attorney Docket No. | H-396 | |

| U.S. Patent Documents | | | | | |
|-----------------------|-------------|-----------------|------------------|---|---|
| Examiner Initials* | Cite No. *1 | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear |
| | A61 | 6831769 | 12/14/2004 | Holman et al. | |
| | A62 | 6825970 | 11/30/2004 | Goenaga et al. | |
| | A63 | 6825829 | 11/30/2004 | Albert et al. | |
| | A64 | 6825068 | 11/30/2004 | Denis et al. | |
| | A65 | 6822782 | 11/23/2004 | Honeyman et al. | |
| | A66 | 6819471 | 11/16/2004 | Amundson et al. | |
| | A67 | 6816147 | 11/09/2004 | Albert | |
| | A68 | 6788449 | 09/07/2004 | Liang et al. | |
| | A69 | 6753999 | 06/22/2004 | Zehner et al. | |
| | A70 | 6727881 | 04/27/2004 | Albert et al. | |
| | A71 | 6724519 | 04/20/2004 | Comiskey et al. | |
| | A72 | 6721083 | 04/13/2004 | Jacobson et al. | |
| | A73 | 6710540 | 03/23/2004 | Albert et al. | |
| | A74 | 6704133 | 03/09/2004 | Gates et al. | |
| | A75 | 6693620 | 02/17/2004 | Herb et al. | |
| | A76 | 6683333 | 01/27/2004 | Kazlas et al. | |
| | A77 | 6680725 | 01/20/2004 | Jacobson | |
| | A78 | 6672921 | 01/06/2004 | Liang et al. | |
| | A79 | 6664944 | 12/16/2003 | Albert et al. | |
| | A80 | 6657772 | 12/02/2003 | Loxley | |
| | A81 | 6639578 | 10/28/2003 | Comiskey et al. | |
| | A82 | 6580545 | 06/17/2003 | Morrison et al. | |
| | A83 | 6545291 | 04/08/2003 | Amundson et al. | |
| | A84 | 6538801 | 03/25/2003 | Jacobson et al. | |
| | A85 | 6535197 | 03/18/2003 | Comiskey et al. | |
| | A86 | 6531997 | 03/11/2003 | Gates et al. | |
| | A87 | 6521489 | 02/18/2003 | Duthaler et al. | |
| | A88 | 6518949 | 02/11/2003 | Drzaic | |
| | A89 | 6515649 | 02/04/2003 | Albert et al. | |
| | A90 | 6512354 | 01/28/2003 | Jacobson et al. | |

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| | | Examiner Name | Choi, William C. |
| Sheet: 4 of 26 | Attorney Docket No. | H-396 | |

| U.S. Patent Documents | | | | | |
|-----------------------|-------------|-----------------|------------------|---|---|
| Examiner Initials* | Cite No. *1 | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear |
| | A91 | 6506438 | 01/14/2003 | Duthaler et al. | |
| | A92 | 6504524 | 01/07/2003 | Gates et al. | |
| | A93 | 6498114 | 12/24/2002 | Amundson et al. | |
| | A94 | 6480182 | 11/12/2002 | Turner et al. | |
| | A95 | 6473072 | 10/29/2002 | Comiskey et al. | |
| | A96 | 6459418 | 10/01/2002 | Comiskey et al. | |
| | A97 | 6445489 | 09/03/2002 | Jacobson et al. | |
| | A98 | 6445374 | 09/03/2002 | Albert et al. | |
| | A99 | 6422687 | 07/23/2002 | Jacobson | |
| | A100 | 6413790 | 07/02/2002 | Duthaler et al. | |
| | A101 | 6398858 | 06/04/2002 | Yu et al. | |
| | A102 | 6392786 | 05/21/2002 | Albert | |
| | A103 | 6392785 | 05/21/2002 | Albert et al. | |
| | A104 | 6377387 | 04/23/2002 | Duthaler et al. | |
| | A105 | 6376828 | 04/23/2002 | Comiskey | |
| | A106 | 6327072 | 12/04/2001 | Comiskey et al. | |
| | A107 | 6323989 | 11/27/2001 | Jacobson et al. | |
| | A108 | 6312971 | 11/06/2001 | Amundson et al. | |
| | A109 | 6312304 | 11/06/2001 | Duthaler et al. | |
| | A110 | 6301038 | 10/09/2001 | Fitzmaurice et al. | |
| | A111 | 6301038 | 10/09/2001 | Fitzmaurice et al. | |
| | A112 | 6300932 | 10/09/2001 | Albert | |
| | A113 | 6271823 | 08/07/2001 | Gordon , II et al. | |
| | A114 | 6262833 | 07/17/2001 | Loxley et al. | |
| | A115 | 6262706 | 07/17/2001 | Albert et al. | |
| | A116 | 6252564 | 06/26/2001 | Albert et al. | |
| | A117 | 6249271 | 06/19/2001 | Albert et al. | |
| | A118 | 6241921 | 06/05/2001 | Jacobson et al. | |
| | A119 | 6235829 | 05/22/2001 | Kwan | |
| | A120 | 6232950 | 05/15/2001 | Albert et al. | |

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| Sheet: 5 of 26 | | | |

| U.S. Patent Documents | | | | | |
|-----------------------|-------------|-----------------|------------------|---|---|
| Examiner Initials* | Cite No. *1 | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear |
| | A121 | 6225971 | 05/01/2001 | Gordon , II et al. | |
| | A122 | 6221143 | 04/24/2001 | Palumbo | |
| | A123 | 6215920 | 04/10/2001 | Whitehead et al. | |
| | A124 | 6197883 | 03/06/2001 | Schimmel et al. | |
| | A125 | 6191225 | 02/20/2001 | Barkac et al. | |
| | A126 | 6184856 | 02/06/2001 | Gordon , II et al. | |
| | A127 | 6177921 | 01/23/2001 | Comiskey et al. | |
| | A128 | 6172798 | 01/09/2001 | Albert et al. | |
| | A129 | 6162882 | 12/19/2000 | Matyjaszewski et al. | |
| | A130 | 6153705 | 11/28/2000 | Coupart et al. | |
| | A131 | 6147791 | 11/14/2000 | Sheridon | |
| | A132 | 6144361 | 11/07/2000 | Gordon , II et al. | |
| | A133 | 6137467 | 10/24/2000 | Sheridon et al. | |
| | A134 | 6137012 | 10/24/2000 | Fagan et al. | |
| | A135 | 6130774 | 10/10/2000 | Albert et al. | |
| | A136 | 6130773 | 10/10/2000 | Jacobson et al. | |
| | A137 | 6128124 | 10/03/2000 | Silverman | |
| | A138 | 6124851 | 09/26/2000 | Jacobson | |
| | A139 | 6124411 | 09/26/2000 | Matyjaszewski et al. | |
| | A140 | 6121371 | 09/19/2000 | Matyjaszewski et al. | |
| | A141 | 6120839 | 09/19/2000 | Comiskey et al. | |
| | A142 | 6120588 | 09/19/2000 | Jacobson | |
| | A143 | 6118426 | 09/12/2000 | Albert et al. | |
| | A144 | 6117368 | 09/12/2000 | Hou | |
| | A145 | 6113810 | 09/05/2000 | Hou et al. | |
| | A146 | 6111022 | 08/29/2000 | Matyjaszewski et al. | |
| | A147 | 6103380 | 8/15/00 | Devonport | |
| | A148 | 6097531 | 08/01/2000 | Sheridon | |
| | A149 | 6091382 | 7/18/00 | Shioya et al. | |
| | A150 | 6071980 | 06/06/2000 | Guan et al. | |

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| U.S. Patent Documents | | | | | |
|-----------------------|-------------|-----------------|------------------|---|---|
| Examiner Initials* | Cite No. *1 | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear |
| | A151 | 6069205 | 05/30/2000 | Wang | |
| | A152 | 6068688 | 05/30/2000 | Whitehouse et al. | |
| | A153 | 6067185 | 05/23/2000 | Albert et al. | |
| | A154 | 6064784 | 05/16/2000 | Whitehead et al. | |
| | A155 | 6055180 | 04/25/2000 | Gudesen et al. | |
| | A156 | 6055091 | 04/25/2000 | Sheridon et al. | |
| | A157 | 6054071 | 04/25/2000 | Mikkelsen, Jr. | |
| | A158 | 6025896 | 02/15/2000 | Hattori et al. | |
| | A159 | 6017584 | 01/25/2000 | Albert et al. | |
| | A160 | 5986015 | 11/16/1999 | Midha et al. | |
| | A161 | 5968243 | 10/19/99 | Belmont et al. | |
| | A162 | 5964935 | 10/12/99 | Chen et al. | |
| | A163 | 5961804 | 10/05/1999 | Jacobson et al. | |
| | A164 | 5958999 | 09/28/1999 | Bates et al. | |
| | A165 | 5945491 | 08/31/1999 | Matyjaszewski et al. | |
| | A166 | 5932633 | 8/3/99 | Chen et al. | |
| | A167 | 5930026 | 07/27/1999 | Jacobson et al. | |
| | A168 | 5922118 | 7/13/99 | Johnson et al. | |
| | A169 | 5914806 | 6/22/99 | Gordon , II et al. | |
| | A170 | 5900858 | 5/4/99 | Richley | |
| | A171 | 5895522 | 4/20/99 | Belmont et al. | |
| | A172 | 5885335 | 3/23/99 | Adams et al. | |
| | A173 | 5872552 | 02/16/1999 | Gordon , II et al. | |
| | A174 | 5851280 | 12/22/98 | Belmont et al. | |
| | A175 | 5843259 | 12/1/98 | Narang et al. | |
| | A176 | 5837045 | 11/17/98 | Johnson et al. | |
| | A177 | 5828432 | 10/27/98 | Shashidhar et al. | |
| | A178 | 5825529 | 10/20/98 | Crowley | |
| | A179 | 5808783 | 09/15/1998 | Crowley | |
| | A180 | 5807937 | 09/15/1998 | Matyjaszewski et al. | |

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| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Using as many sheets as necessary) | | Complete if Known | |
| | | Application Number | 10/711,829 |
| | | Filing Date | October 7, 2004 |
| | | First Named Inventor | Whitesides |
| | | Art Unit | 2673 |
| | | Examiner Name | Choi, William C. |
| Sheet: 7 of 26 | Attorney Docket No. | H-396 | |

| U.S. Patent Documents | | | | | |
|-----------------------|-------------|-----------------|------------------|---|---|
| Examiner Initials* | Cite No. *1 | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear |
| | A181 | 5803959 | 9/8/98 | Johnson et al. | |
| | A182 | 5789487 | 08/04/1998 | Matyjaszewski et al. | |
| | A183 | 5783614 | 7/21/98 | Chen et al. | |
| | A184 | 5777782 | 07/07/1998 | Sheridon | |
| | A185 | 5767826 | 06/16/1998 | Sheridon et al. | |
| | A186 | 5763548 | 06/09/1998 | Matyjaszewski et al. | |
| | A187 | 5760761 | 06/02/1998 | Sheridon | |
| | A188 | 5759671 | 6/2/98 | Tanaka et al. | |
| | A189 | 5754332 | 05/19/1998 | Crowley | |
| | A190 | 5753763 | 5/19/98 | Rao et al. | |
| | A191 | 5751268 | 05/12/1998 | Sheridon | |
| | A192 | 5747562 | 5/5/98 | Mahmud et al. | |
| | A193 | 5745094 | 04/28/1998 | Gordon , II et al. | |
| | A194 | 5744283 | 04/28/1998 | Spierings et al. | |
| | A195 | 5740495 | 4/14/98 | Maher et al. | |
| | A196 | 5739801 | 04/14/1998 | Sheridon | |
| | A197 | 5737115 | 04/07/1998 | Mackinlay et al. | |
| | A198 | 5729632 | 03/17/1998 | Tai | |
| | A199 | 5725935 | 3/10/98 | Rajan | |
| | A200 | 5717515 | 02/10/1998 | Sheridon | |
| | A201 | 5717514 | 02/10/1998 | Sheridon | |
| | A202 | 5717283 | 02/10/1998 | Biegelsen et al. | |
| | A203 | 5716550 | 2/10/98 | Gardner et al. | |
| | A204 | 5715511 | 2/3/98 | Aslam et al. | |
| | A205 | 5714993 | 2/3/98 | Keoshkerian et al. | |
| | A206 | 5714270 | 2/3/98 | Malhotra et al. | |
| | A207 | 5713988 | 2/3/98 | Belmont et al. | |
| | A208 | 5709976 | 1/20/98 | Malhotra | |
| | A209 | 5708525 | 01/13/1998 | Sheridon | |
| | A210 | 5707747 | 01/13/1998 | Tomiyama et al. | |

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| | | Art Unit | 2673 |
| | | Examiner Name | Choi, William C. |
| Sheet: 8 of 26 | Attorney Docket No. | H-396 | |

| U.S. Patent Documents | | | | | |
|-----------------------|-------------|-----------------|------------------|---|---|
| Examiner Initials* | Cite No. *1 | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear |
| | A211 | 5707738 | 01/13/1998 | Hou | |
| | A212 | 5707432 | 1/13/98 | Adams et al. | |
| | A213 | 5698016 | 12/16/97 | Adams et al. | |
| | A214 | 5694224 | 12/2/97 | Tai | |
| | A215 | 5693442 | 12/2/97 | Weiss et al. | |
| | A216 | 5691098 | 11/25/97 | Busman et al. | |
| | A217 | 5689282 | 11/18/1997 | Wolfs et al. | |
| | A218 | 5676884 | 10/14/97 | Tiers et al. | |
| | A219 | 5673148 | 09/30/1997 | Morris et al. | |
| | A220 | 5672381 | 9/30/97 | Rajan | |
| | A221 | 5672198 | 9/30/97 | Belmont | |
| | A222 | 5663224 | 9/2/97 | Emmons et al. | |
| | A223 | 5654367 | 08/05/1997 | Takimoto et al. | |
| | A224 | 5650872 | 07/22/1997 | Saxe et al. | |
| | A225 | 5643673 | 07/01/1997 | Hou | |
| | A226 | 5639914 | 06/17/1997 | Tomiyama et al. | |
| | A227 | 5638103 | 6/10/97 | Obata et al. | |
| | A228 | 5635317 | 6/3/97 | Taniguchi et al. | |
| | A229 | 5627561 | 05/06/1997 | Laspina et al. | |
| | A230 | 5614340 | 3/25/97 | Bugner et al. | |
| | A231 | 5610455 | 3/11/97 | Allen et al. | |
| | A232 | 5604070 | 2/18/97 | Rao et al. | |
| | A233 | 5604027 | 02/18/1997 | Sheridon | |
| | A234 | 5597889 | 1/28/97 | Takimoto et al. | |
| | A235 | 5582700 | 12/10/1996 | Bryning et al. | |
| | A236 | 5575845 | 11/19/96 | Belmont et al. | |
| | A237 | 5573711 | 11/12/1996 | Hou et al. | |
| | A238 | 5571311 | 11/5/96 | Belmont et al. | |
| | A239 | 5565885 | 10/15/96 | Tamanoi | |
| | A240 | 5561443 | 10/1/96 | DiSanto et al. | |

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| | | First Named Inventor | Whitesides |
| | | Art Unit | 2673 |
| | | Examiner Name | Choi, William C. |
| Sheet: 9 of 26 | Attorney Docket No. | H-396 | |

| U.S. Patent Documents | | | | | |
|-----------------------|-------------|-----------------|------------------|---|---|
| Examiner Initials* | Cite No. *1 | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear |
| | A241 | 5556583 | 9/17/96 | Tashiro et al. | |
| | A242 | 5554739 | 9/10/96 | Belmont | |
| | A243 | 5552679 | 9/3/96 | Murasko | |
| | A244 | 5545504 | 8/13/96 | Keoshkerian et al. | |
| | A245 | 5543219 | 8/6/96 | Elwakil | |
| | A246 | 5512162 | 04/30/1996 | Sachs et al. | |
| | A247 | 5508068 | 04/16/1996 | Nakano | |
| | A248 | 5498674 | 03/12/1996 | Hou et al. | |
| | A249 | 5467217 | 11/14/95 | Check III | |
| | A250 | 5467107 | 11/14/1995 | DiSanto et al. | |
| | A251 | 5463492 | 10/31/1995 | Check III | |
| | A252 | 5421926 | 6/6/95 | Yukinobu et al. | |
| | A253 | 5411656 | 05/02/1995 | Schubert | |
| | A254 | 5411398 | 05/02/1995 | Nakanishi et al. | |
| | A255 | 5403518 | 04/04/1995 | Schubert | |
| | A256 | 5402145 | 3/28/95 | DiSanto et al. | |
| | A257 | 5389945 | 02/14/1995 | Sheridon | |
| | A258 | 5383008 | 01/17/1995 | Sheridon | |
| | A259 | 5380362 | 01/10/1995 | Schubert | |
| | A260 | 5360689 | 11/01/1994 | Hou et al. | |
| | A261 | 5359346 | 10/25/1994 | DiSanto et al. | |
| | A262 | 5344594 | 09/06/1994 | Sheridon | |
| | A263 | 5315312 | 05/24/1994 | DiSanto et al. | |
| | A264 | 5304439 | 4/19/94 | DiSanto et al. | |
| | A265 | 5303073 | 4/12/94 | Shirota et al. | |
| | A266 | 5302235 | 04/12/1994 | DiSanto et al. | |
| | A267 | 5298833 | 03/29/1994 | Hou | |
| | A268 | 5296974 | 3/22/94 | Tada et al. | |
| | A269 | 5293528 | 03/08/1994 | DiSanto et al. | |
| | A270 | 5281261 | 1/25/94 | Lin | |

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| | | Art Unit | 2673 |
| | | Examiner Name | Choi, William C. |
| | | Attorney Docket No. | H-396 |
| Sheet: 10 | of: 26 | | |

| U.S. Patent Documents | | | | | |
|-----------------------|-------------|-----------------|------------------|---|---|
| Examiner Initials* | Cite No. *1 | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear |
| | A271 | 5279773 | 1/18/94 | Saxe | |
| | A272 | 5279694 | 1/18/94 | DiSanto et al. | |
| | A273 | 5279511 | 01/18/1994 | DiSanto et al. | |
| | A274 | 5276438 | 01/04/1994 | DiSanto et al. | |
| | A275 | 5270843 | 12/14/1993 | Wang | |
| | A276 | 5268448 | 12/7/93 | Buechner et al. | |
| | A277 | 5266937 | 11/30/1993 | DiSanto et al. | |
| | A278 | 5262098 | 11/16/1993 | Crowley et al. | |
| | A279 | 5254981 | 10/19/1993 | DiSanto et al. | |
| | A280 | 5250938 | 10/5/93 | DiSanto et al. | |
| | A281 | 5250932 | 10/05/1993 | Yoshimoto et al. | |
| | A282 | 5247290 | 09/21/1993 | DiSanto et al. | |
| | A283 | 5223823 | 6/29/93 | DiSanto et al. | |
| | A284 | 5223115 | 06/29/1993 | DiSanto et al. | |
| | A285 | 5216416 | 06/01/1993 | DiSanto et al. | |
| | A286 | 5213983 | 5/25/93 | Gustafsson et al. | |
| | A287 | 5204424 | 4/20/93 | Roncali et al. | |
| | A288 | 5187609 | 02/16/1993 | DiSanto et al. | |
| | A289 | 5185226 | 2/9/93 | Grosso et al. | |
| | A290 | 5177476 | 1/5/93 | DiSanto et al. | |
| | A291 | 5174882 | 12/29/1992 | DiSanto et al. | |
| | A292 | 5151032 | 09/29/1992 | Igawa | |
| | A293 | 5149826 | 9/22/92 | Delabougliuse et al. | |
| | A294 | 5138472 | 08/11/1992 | Jones et al. | |
| | A295 | 5132049 | 7/21/92 | Garreau et al. | |
| | A296 | 5128785 | 7/7/92 | Yoshimoto et al. | |
| | A297 | 5119218 | 6/2/92 | Yoshimoto et al. | |
| | A298 | 5105185 | 04/14/1992 | Nakanowatari et al. | |
| | A299 | 5082351 | 01/21/1992 | Ferguson | |
| | A300 | 5077157 | 12/31/1991 | DiSanto et al. | |

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| | | Art Unit | 2673 |
| | | Examiner Name | Choi, William C. |
| Sheet: 11 of: 26 | Attorney Docket No. | H-396 | |

| U.S. Patent Documents | | | | | |
|-----------------------|-------------|-----------------|------------------|---|---|
| Examiner Initials* | Cite No. *1 | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear |
| | A301 | 5070326 | 12/3/91 | Yoshimoto et al. | |
| | A302 | 5066946 | 11/19/1991 | DiSanto et al. | |
| | A303 | 5066559 | 11/19/91 | Elmasry et al. | |
| | A304 | 5066105 | 11/19/91 | Yoshimoto et al. | |
| | A305 | 5059694 | 10/22/91 | Delabouglise et al. | |
| | A306 | 5057363 | 10/15/1991 | Nakanishi | |
| | A307 | 5053763 | 10/01/1991 | DiSanto et al. | |
| | A308 | 5041824 | 8/20/91 | DiSanto et al. | |
| | A309 | 5017225 | 05/21/1991 | Nakanishi et al. | |
| | A310 | 5009490 | 4/23/91 | Kuono et al. | |
| | A311 | 4985329 | 1/15/91 | El-Sayed et al. | |
| | A312 | 4947219 | 8/7/90 | Boehm | |
| | A313 | 4946509 | 8/7/90 | Schwartz et al. | |
| | A314 | 4931019 | 6/5/90 | Park | |
| | A315 | 4919521 | 4/24/90 | Tada et al. | |
| | A316 | 4909959 | 3/20/90 | Lemaire et al. | |
| | A317 | 4902570 | 2/20/90 | Heinemann et al. | |
| | A318 | 4892607 | 01/09/1990 | DiSanto et al. | |
| | A319 | 4891245 | 1/2/90 | Micale | |
| | A320 | 4889603 | 12/26/89 | DiSanto et al. | |
| | A321 | 4888309 | 12/19/1989 | Araya | |
| | A322 | 4877698 | 10/31/89 | Watson et al. | |
| | A323 | 4846893 | 7/11/89 | Akasaki et al. | |
| | A324 | 4833464 | 05/23/1989 | DiSanto et al. | |
| | A325 | 4832458 | 05/23/1989 | Ferguson et al. | |
| | A326 | 4824208 | 04/25/1989 | Ferguson et al. | |
| | A327 | 4810305 | 3/7/89 | Braun et al. | |
| | A328 | 4776675 | 10/11/1988 | Takaochi et al. | |
| | A329 | 4772103 | 09/20/1988 | Saxe | |
| | A330 | 4772102 | 09/20/1988 | Ferguson et al. | |

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| | | Examiner Name | Choi, William C. |
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| U.S. Patent Documents | | | | | |
|-----------------------|-------------|-----------------|------------------|---|---|
| Examiner Initials* | Cite No. *1 | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear |
| | A331 | 4748366 | 5/31/88 | Taylor | |
| | A332 | 4746917 | 05/24/1988 | DiSanto et al. | |
| | A333 | 4742345 | 5/3/88 | DiSanto et al. | |
| | A334 | 4732830 | 3/22/88 | DiSanto et al. | |
| | A335 | 4726662 | 02/23/1988 | Cromack | |
| | A336 | 4707080 | 11/17/1987 | Ferguson | |
| | A337 | 4690749 | 9/1/87 | Van Alstine et al. | |
| | A338 | 4680103 | 7/14/87 | Beilin et al. | |
| | A339 | 4665107 | 5/12/87 | Micale | |
| | A340 | 4661408 | 4/28/87 | Lau et al. | |
| | A341 | 4655897 | 4/7/87 | DiSanto et al. | |
| | A342 | 4648956 | 3/10/87 | Marshall et al. | |
| | A343 | 4643528 | 02/17/1987 | Bell, Jr. | |
| | A344 | 4639403 | 01/27/1987 | Podszun et al | |
| | A345 | 4620916 | 11/04/1986 | Zwemer et al. | |
| | A346 | 4594271 | 6/10/86 | Scholten et al. | |
| | A347 | 4543306 | 9/24/85 | Dubois et al. | |
| | A348 | 4530961 | 7/23/85 | Nguyen et al. | |
| | A349 | 4522472 | 6/11/85 | Liebert et al. | |
| | A350 | 4502934 | 03/05/1985 | Gazard et al. | |
| | A351 | 4476210 | 10/9/84 | Croucher et al. | |
| | A352 | 4450440 | 05/22/1984 | White | |
| | A353 | 4438160 | 03/20/1984 | Ishikawa et al. | |
| | A354 | 4419663 | 12/06/1983 | Kohashi | |
| | A355 | 4419383 | 12/06/1983 | Lee | |
| | A356 | 4418346 | 11/29/1983 | Batchelder | |
| | A357 | 4390403 | 06/28/1983 | Batchelder | |
| | A358 | 4368952 | 01/18/1983 | Murata et al. | |
| | A359 | 4324456 | 04/13/1982 | Dalisa | |
| | A360 | 4314013 | 2/2/82 | Chang | |

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| | | Examiner Name | Choi, William C. |
| Sheet: 13 of: 26 | Attorney Docket No. | H-396 | |

| U.S. Patent Documents | | | | | |
|-----------------------|-------------|-----------------|------------------|---|---|
| Examiner Initials* | Cite No. *1 | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear |
| | A361 | 4311361 | 01/19/1982 | Somlyody | |
| | A362 | 4305807 | 12/15/1981 | Somlyody | |
| | A363 | 4298448 | 11/03/1981 | Muller et al. | |
| | A364 | 4285801 | 8/25/81 | Chiang | |
| | A365 | 4273672 | 6/16/81 | Vassiliades | |
| | A366 | 4273672 | 6/16/81 | Saxe | |
| | A367 | 4272596 | 06/09/1981 | Harbour et al. | |
| | A368 | 4261653 | 04/14/1981 | Goodrich | |
| | A369 | 4231641 | 11/04/1980 | Randin | |
| | A370 | 4218302 | 8/19/80 | Dalisa et al. | |
| | A371 | 4211668 | 7/8/80 | Tate | |
| | A372 | 4203106 | 5/13/80 | Dalisa et al. | |
| | A373 | 4166800 | 9/4/79 | Fong | |
| | A374 | 4164365 | 8/14/79 | Saxe | |
| | A375 | 4149149 | 4/10/79 | Miki et al. | |
| | A376 | 4143472 | 03/13/1979 | Murata et al. | |
| | A377 | 4143103 | 03/06/1979 | Sheridon | |
| | A378 | 4126854 | 11/21/1978 | Sheridon | |
| | A379 | 4126528 | 11/21/1978 | Chiang | |
| | A380 | 4123346 | 10/31/78 | Ploix | |
| | A381 | 4113362 | 9/12/78 | Saxe et al. | |
| | A382 | 4093534 | 06/06/1978 | Carter et al. | |
| | A383 | 4088395 | 05/09/1978 | Giglia | |
| | A384 | 4071430 | 1/31/78 | Liebert | |
| | A385 | 4068927 | 1/17/78 | White | |
| | A386 | 4062009 | 12/06/1977 | Raverdy et al. | |
| | A387 | 4045327 | 8/30/77 | Noma et al. | |
| | A388 | 4041481 | 08/09/1977 | Sato | |
| | A389 | 4023968 | 05/27/1977 | Amidon et al. | |
| | A390 | 4001140 | 1/4/77 | Foris et al. | |

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| Substitute for form 1449/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Using as many sheets as necessary) | | Application Number | 10/711,829 |
| | | Filing Date | October 7, 2004 |
| | | First Named Inventor | Whitesides |
| | | Art Unit | 2673 |
| | | Examiner Name | Choi, William C. |
| | | Attorney Docket No. | H-396 |
| | | Sheet: 14 of: 26 | |

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| Examiner Signature | | Date Considered | |
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| | | Art Unit | 2673 |
| | | Examiner Name | Choi, William C. |
| Sheet: 15 of: 26 | Attorney Docket No. | | H-396 |

| Foreign Patent Documents | | | | | | |
|--------------------------|-------------|--|------------------|---|---|----------------|
| Examiner Initials* | Cite No. *1 | Document Number Country Code - Number - Kind Code (if known) | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear | T ² |
| | B1 | DE 195 00 694 | 08/08/1996 | Hauck, Martin | | |
| | B2 | EP 0 281 204A2 | 9/7/88 | H-305 | | |
| | B3 | EP 0 404 545A2 | 12/27/1990 | Japan Synthetic Rubber | | |
| | B4 | EP 0 443 571A2 | 8/28/91 | Ube | | |
| | B5 | EP 1 145 072B1 | 05/07/2003 | E Ink Corporation | | |
| | B6 | GB 1,314,906 | 04/26/1973 | Matsushita | | |
| | B7 | GB 1,465,701 | 3/2/77 | Plessey | | |
| | B8 | GB 2 306 229A | 4/30/97 | IBM | | |
| | B9 | JP 01-086117A | 3/30/89 | Nippon Mektron | | |
| | B10 | JP 01-114829A | 5/8/89 | Nippon Mektron | | |
| | B11 | JP 01-142537A | 06/05/1989 | Nippon Mektron | | |
| | B12 | JP 01-177517A | 7/13/89 | Kinseki | | |
| | B13 | JP 01-248182A | 10/3/89 | Nippon Mektron | | |
| | B14 | JP 01-267525A | 10/25/89 | Toyota | | |
| | B15 | JP 02-024633A | 1/26/90 | Motoyasu et al. | | |
| | B16 | JP 02-141730A | 5/31/90 | Hitachi | | |
| | B17 | JP 02-189525A | 7/25/90 | Hitachi | | |
| | B18 | JP 02-223934A | 9/6/90 | Nippon Mektron | | |
| | B19 | JP 02-223935A | 9/6/90 | Nippon Mektron | | |
| | B20 | JP 02-223936A | 9/6/90 | Nippon Mektron | | |

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| | | Filing Date | October 7, 2004 |
| | | First Named Inventor | Whitesides |
| | | Art Unit | 2673 |
| | | Examiner Name | Choi, William C. |
| Sheet: 16 of: 26 | Attorney Docket No. | | H-396 |

| Foreign Patent Documents | | | | | | |
|--------------------------|----------------|--|------------------|---|---|----------------|
| Examiner Initials* | Cite No. *1 | Document Number Country Code - Number - Kind Code (if known) | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear | T ² |
| | B21 | JP 02-284124A | 11/21/90 | Nippon Mektron | | |
| | B22 | JP 02-284125A | 11/21/90 | Nippon Mektron | | |
| | B23 | JP 03-258866A | 11/19/1991 | Shin Etsu | | |
| | B24 | JP 05-061421A | 3/12/93 | Nippon Mektron | | |
| | B25 | JP 05-165064A | 6/29/93 | Nippon Mektron | | |
| | B26 | JP 05-173193A | 7/13/93 | Dai Nippon | | |
| | B27 | JP 05-173194A | 7/13/93 | Nippon Mektron | | |
| | B28 | JP 05-307197A | 11/19/93 | Nippon Mektron | | |
| | B29 | JP 06-089081A | 3/29/94 | Sony Tektronix | | |
| | B30 | JP 06-202168A | 7/22/94 | Nippon Mektron | | |
| | B31 | JP 07-036020A | 2/7/95 | Toray | | |
| | B32 | JP 07-146660A | 6/6/95 | NOK | | |
| | B33 | JP 08-234176A | 9/13/96 | Fuji Xerox | | |
| | B34 | JP 09-006277A | 1/10/97 | NOK | | |
| | B35 | JP 09-185087A | 7/13/97 | NOK | | |
| | B36 | JP 09-230391A | 9/5/97 | Fujikura | | |
| | B37 | JP 10-048673A | 2/20/98 | Fuji Xerox | | |
| | B38 | JP 10-149118A | 6/2/98 | NOK | | |
| | B39 | JP 10-161161A | 6/19/98 | Fuji Xerox | | |
| | B40 | JP 2000-066248 | 3/3/00 | Sony | | |

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| | | Application Number | 10/711,829 |
| | | Filing Date | October 7, 2004 |
| | | First Named Inventor | Whitesides |
| | | Art Unit | 2673 |
| | | Examiner Name | Choi, William C. |
| Sheet: 17 of: 26 | Attorney Docket No. | H-396 | |

| Foreign Patent Documents | | | | | | |
|--------------------------|----------------|--|------------------|---|---|----------------|
| Examiner Initials* | Cite No. *1 | Document Number Country Code - Number - Kind Code (if known) | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear | T ² |
| | B41 | JP 2000-227612 | 8/15/00 | Ricoh | | |
| | B42 | JP 51-130241A | 11/12/76 | Stanley Electric | | |
| | B43 | JP 53-073098 | 6/29/78 | Matsushita | | |
| | B44 | JP 54-111368A | 8/31/79 | NEC | | |
| | B45 | JP 55-096922A | 7/23/80 | Sharp | | |
| | B46 | JP 55-105227A | 8/12/80 | Seiko Epson | | |
| | B47 | JP 59-098227A | 6/6/84 | Sharp | | |
| | B48 | JP 59-165028A | 9/18/84 | Nippon Paint | | |
| | B49 | JP 60-189731A | 9/27/85 | Nippon Paint | | |
| | B50 | JP 62-058222A | 3/13/87 | Ricoh | | |
| | B51 | JP 62-183439A | 8/11/87 | Ricoh | | |
| | B52 | JP 62-231930A | 10/12/87 | Stanley Electric | | |
| | B53 | JP 62-269124A | 11/21/87 | Ricoh | | |
| | B54 | JP 62-299824A | 12/26/87 | Ricoh | | |
| | B55 | JP 63-008637A | 1/14/88 | Ricoh | | |
| | B56 | JP 64-086118 | 03/30/1989 | Nippon Sheet Glass | | |
| | B57 | JP 64-86116 | 3/30/89 | Nippon Mektron | | |
| | B58 | PCT WO 00/05312 | 2/3/00 | Cabot | | |
| | B59 | PCT WO 00/05704 | 02/03/2000 | E Ink Corporation | | |
| | B60 | PCT WO 00/22051 | 4/20/00 | Cabot | | |

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Using as many sheets as necessary) | | Application Number | 10/711,829 |
| | | Filing Date | October 7, 2004 |
| | | First Named Inventor | Whitesides |
| | | Art Unit | 2673 |
| | | Examiner Name | Choi, William C. |
| Sheet: 18 of: 26 | Attorney Docket No. | | H-396 |

| Foreign Patent Documents | | | | | | |
|--------------------------|----------------|--|------------------|---|---|----------------|
| Examiner Initials* | Cite No. *1 | Document Number Country Code - Number - Kind Code (if known) | Publication Date | Name of Patentee or Applicant of Cited Document | Locations Where Relevant Passages or Figures Appear | T ² |
| | B61 | PCT WO 00/36560 | 06/22/2000 | E Ink Corporation | | |
| | B62 | PCT WO 00/38000 | 06/29/2000 | E Ink Corporation | | |
| | B63 | PCT WO 00/67110 | 11/09/2000 | E Ink Corporation | | |
| | B64 | PCT WO 00/67327 | 11/09/2000 | E Ink Corporation | | |
| | B65 | PCT WO 01/07961 | 02/01/2001 | E Ink Corporation | | |
| | B66 | PCT WO 01/92359 | 12/06/2001 | Creavis | | |
| | B67 | PCT WO 02/21201 | 03/14/2002 | Cabot | | |
| | B68 | PCT WO 03/107315 | 12/24/2003 | E Ink Corporation | | |
| | B69 | PCT WO 82/02961 | 9/2/82 | Patscentre Benelux | | |
| | B70 | PCT WO 95/33085 | 12/07/1995 | Copytele | | |
| | B71 | PCT WO 99/12170 | 3/11/99 | Opticom | | |
| | B72 | PCT WO 99/26419 | 5/27/99 | Tangen et al. | | |
| | B73 | PCT WO 99/51690 | 10/14/99 | Cabot | | |
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| | | Art Unit | 2673 |
| | | Examiner Name | Choi, William C. |
| Sheet: 19 of: 26 | Attorney Docket No. | | H-396 |

| NON-PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-------------|---|----------------|
| Examiner Initials* | Cite No. *1 | Document Citation | T ² |
| | C1 | Amundson, K., et al., "Flexible, Active-Matrix Display Constructed Using a Microencapsulated Electrophoretic Material and an Organic-Semiconductor-Based Backplane", SID 01 Digest, 160 (June 2001) | |
| | C2 | Au, J. et al., "Ultra-Thin 3.1-in. Active-Matrix Electronic Ink Display for Mobile Devices", IDW'02, 223 (2002) | |
| | C3 | Bach, U., et al., "Nanomaterials-Based Electrochromics for Paper-Quality Displays", Adv. Mater, 14(11), 845 (2002) | |
| | C4 | Ballinger, D.O., "Magnetic recording paper is erasable", Electronics, March 1, 1973, pages 73-76 | |
| | C5 | Beers, K. L., et al., "Atom Transfer Radical Polymerization of 2-Hydroxyethyl Methacrylate", Macromolecules, 32, 5772-5776 (1999) | |
| | C6 | Beilin, S., et al, "2000-Character Electrophoretic Display", SID 86 Digest, 136 (1986) | |
| | C7 | Bohnke et al., "Polymer-Based Solid Electrochromic Cell for Matrix-Addressable Display Devices." J. Electrochem. Soc., 138, 3612 (1991) | |
| | C8 | Boston Herald, "E Ink debuts in J.C. Penney Stores", May 3, 1999, page 27 | |
| | C9 | Bouchard, A. et al., "High-Resolution Microencapsulated Electrophoretic Display on Silicon", SID 04 Digest, 651 (2004) | |
| | C10 | Bryce, M.R., "Seeing through synthetic metals", Nature, 335. 12 (1988) | |

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

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| | | Art Unit | 2673 |
| | | Examiner Name | Choi, William C. |
| Sheet: 20 of: 26 | Attorney Docket No. | H-396 | |

| NON-PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-------------|---|----------------|
| Examiner Initials* | Cite No. *1 | Document Citation | T ² |
| | C11 | Caillot, E. et al. "Active Matrix Electrophoretic Information Display for High Performance Mobile Devices", IDMC Proceedings (2003) | |
| | C12 | Chen, Y., et al., "A Conformable Electronic Ink Display using a Foil-Based a-Si TFT Array", SID 01 Digest, 157 (June 2001) | |
| | C13 | Chiang, A., "Conduction Mechanism of Charge Control Agents Used in Electrophoretic Display Devices", Proceeding of the S.I.D., 18, 275 (1977) | |
| | C14 | Chiang, A., et al., "A High Speed Electrophoretic Matrix Display", SID 80 Digest (1980), 114 | |
| | C15 | Comiskey, B., et al., "An electrophoretic ink for all-printed reflective electronic displays", Nature, 394, 253 (1998) | |
| | C16 | Comiskey, B., et al., "Electrophoretic Ink: A Printable Display Material", SID 97 Digest (1997), page 75 | |
| | C17 | Croucher, M.D., et al., "Electrophoretic Display: Materials as Related to Performance", Photog. Sci. Eng., 25, 80 (1981) | |
| | C18 | Dalisa, A.L., "Electrophoretic Display Technology", IEEE Trans. Electron Dev., ED-24, 827 (1977) | |
| | C19 | Danner, G.M. et al., "Reliability Performance for Microencapsulated Electrophoretic Displays with Simulated Active Matrix Drive", SID 03 Digest, 573 (2003) | |
| | C20 | Drzaic, P., et al., "A Printed and Rollable Bistable Electronic Display", SID 98 Digest (1998), page 1131 | |

| | | | |
|--------------------|--|-----------------|--|
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|--------------------|--|-----------------|--|

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| NON-PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-------------|---|----------------|
| Examiner Initials* | Cite No. *1 | Document Citation | T ² |
| | C21 | Duthaler, G., et al., "Active-Matrix Color Displays Using Electrophoretic Ink and Color Filters", SID 02 Digest, 1374 (2002) | |
| | C22 | Egashira, N., et al., "Solid electrochromic cell consisting of Lu-diphthalocyanine and lead fluoride", Proceedings of the SID, 28, 227 (1987) | |
| | C23 | Fitzhenry, B., "Identification of a Charging Mechanism using Infrared Spectroscopy", Appl. Spectroscopy, 33, 107 (1979) | |
| | C24 | Fitzhenry, B., "Optical effects of adsorption of dyes on pigment used in electrophoretic image displays", Appl. Optics., 18, 3332 (1979) | |
| | C25 | Goodman, L.A., "Passive Liquid Displays: Liquid Crystals, Electrophoretics and Electrochromics, Proceedings of S.I.D., 17, 30 (1976) | |
| | C26 | Gutcho, M.H., "Microcapsules and Microencapsulation Techniques, Noyes Data Corp., Park Ridge NJ, (1976) | |
| | C27 | Hatano, T., et al., "18:3: Bistable Paper-White Display Device Using Cholesteric Liquid Crystals", SID 96 Digest, 269 (1996) | |
| | C28 | Henzen, A. et al., "An Electronic Ink Low Latency Drawing Tablet", SID 04 Digest, 1070 (2004) | |
| | C29 | Henzen, A. et al., "Development of Active Matrix Electronic Ink Displays for Handheld Devices", SID 03 Digest, 176, (2003) | |
| | C30 | Henzen, A. et al., "Development of Active Matrix Electronic Ink Displays for Smart Handheld Applications", IDW'02, 227 (2002) | |

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| | | Art Unit | 2673 |
| | | Examiner Name | Choi, William C. |
| Sheet: 22 of: 26 | Attorney Docket No. | H-396 | |

| NON-PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-------------|---|----------------|
| Examiner Initials* | Cite No. *1 | Document Citation | T ² |
| | C31 | Hou, J., et al., "Active Matrix Electrophoretic Displays Containing Black and White Particles with Opposite Polarities", SID 01 Digest, 164 (June 2001) | |
| | C32 | Jacobson, J., et al., "The last book", IBM Systems J., 36, 457 (1997) | |
| | C33 | Ji, Y., et al., "P-50: Polymer Walls in Higher-Polymer-Content Bistable Reflective Cholesteric Displays", SID 96 Digest, 611 (1996) | |
| | C34 | Jin et al., "Optically Transparent, Electrically Conductive Composite Medium", Science, 255, 446 (1992) | |
| | C35 | Jo, G-R, et al., "Toner Display Based on Particle Movements", Chem. Mater, 14, 664 (2002) | |
| | C36 | Kazlas, P. et al., "Card-size Active-matrix Electronic Ink Display", Eurodisplay 2002, 259 (2002) | |
| | C37 | Kazlas, P., et al., "12.1" SVGA Microencapsulated Electrophoretic Active Matrix Display for Information Appliances", SID 01 Digest, 152 (June 2001) | |
| | C38 | Kitamura, T., et al., "Electrical toner movement for electronic paper-like display", Asia Display/IDW '01, page 1517, Paper HCS1-1 (2001) | |
| | C39 | Lee, L.L., "Fabrication of Magnetic Particles Displays", Proceedings of the SID, 18, 283 (1977) | |
| | C40 | Lewis et al., "Gravitational, Inter-Particle and Particle-Electrode Forces in the Electrophoretic Display", Proceedings of the SID, 18, 235 (1977) | |

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| | | Examiner Name | Choi, William C. |
| Sheet: 23 of: 26 | Attorney Docket No. | H-396 | |

| NON-PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-------------|--|----------------|
| Examiner Initials* | Cite No. *1 | Document Citation | T ² |
| | C41 | Macosko, C.W., Rheology Principles, Methods, and Applications, VCH Publishers, 1994, p. 481 | |
| | C42 | Milner, "Polymer Brushes", Science, 251, 905 (1991) | |
| | C43 | Murau, P., et al., "An Electrophoretic Radiographic Device", SID 79 Digest, (1979) pages46-47. | |
| | C44 | Murau, P., et al., "The understanding and elimination of some suspension instabilities in an electrophoretic display", J. Appl. Phys., 49, 4820 (1978) | |
| | C45 | Negroponete, N., et al., "Surfaces and Displays," Wired, Jan.1997, page 212 | |
| | C46 | O'Regan, B. et al., "A Low Cost, High-efficiency Solar Cell Based on Dye-sensitized colloidal TiO2 Films", Nature, Volume 353, October 24, 1991, 773-740 | |
| | C47 | Ota, I., et al., "Developments in Electrophoretic Displays", Proceedings of the SID, 18, 243 (1977) | |
| | C48 | Ota, I., et al., "Electrophoretic display devices", Laser 75 Optoelectronics Conference Proceedings, 145 (1975) | |
| | C49 | Ota, I., et al., "Electrophoretic Image Display (EPID) Panel", Proceedings of the IEEE, 61, 832 (1973) | |
| | C50 | Pankove, "Color Reflection Type Display Panel", RCA Technical Notes, March 1962, No. 535 | |

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|--------------------|--|-----------------|--|
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|--------------------|--|-----------------|--|

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| | | Filing Date | October 7, 2004 |
| | | First Named Inventor | Whitesides |
| | | Art Unit | 2673 |
| | | Examiner Name | Choi, William C. |
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| NON-PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-------------|---|----------------|
| Examiner Initials* | Cite No. *1 | Document Citation | T ² |
| | C51 | Pansu, B., et al., "Structures of Thin Layers of Hard Spheres: High Pressure Limit," J. Physique, 45, 331 (1984) | |
| | C52 | Pansu, B., et al., "Thin colloidal crystals: a series of structural transitions," J. Physique, 44, 531 (1983) | |
| | C53 | Pearlstein, "Electroless Plating", in Lowenheim (ed.), Modern Electroplating, Wiley, New York (1976), pages 710-747 | |
| | C54 | Peiranski, P., et al., "Thin Colloidal Crystals," Phys. Rev. Lett., 50, 900 (1983) | |
| | C55 | Peterson, I., "Rethinking Ink Printing the Pages of an Electronic Book," Science News, 153, 396 (June 20, 1998) | |
| | C56 | Pitt, M.G., et al., "Power Consumption of Microencapsulated Electrophoretic Displays for Smart Handheld Applications", SID 02 Digest, 1378 (2002) | |
| | C57 | Platt, C., "Digital Ink," Wired, May 1997, page 162 | |
| | C58 | Saitoh, M., et al., "A newly developed electrical twisting ball display", Proceedings of the SID, 23, 249 (1982) | |
| | C59 | Sankus, "Electrophoretic Display Cell", Xerox Disclosure Journal, 6(3), 309 (1979) | |
| | C60 | Sheridon, N.K., et al., "A Photoconductor-Addressed Electrophoretic Cell for Office Data Display", SID 82 Digest, 94 (1982) | |

| | | | |
|--------------------|--|-----------------|--|
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|--------------------|--|-----------------|--|

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| NON-PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-------------|--|----------------|
| Examiner Initials* | Cite No. *1 | Document Citation | T ² |
| | C61 | Shiffman, R.R., et al., "An Electrophoretic Image Display with Internal NMOS Address Logic and Display Drivers," Proceedings of the SID, 1984, vol. 25, 105 (1984) | |
| | C62 | Shiwa, S., et al., "Electrophoretic Display Method Using Ionographic Technology," SID 88 Digest (1988), page 61 | |
| | C63 | Singer, B., et al., "An X-Y Addressable Electrophoretic Display," Proceedings of the SID, 18, 255 (1977) | |
| | C64 | Tanford, C., Physical Chemistry of Macromolecules, John Wiley and Sons, New York, 1961, pp. 293-296 | |
| | C65 | Tsubokawa, N., et al., "Polymerization of vinyl monomers in the presence of silica having surface functional groups", Colloid. Polym. Sci., 271, 940 (1993) | |
| | C66 | Van Winkle, D.H., et al., "Layering Transitions in Colloidal Crystals as Observed by Diffraction and Direct-Lattice Imaging", Phys. Rev. A, 34, 562 (1986) | |
| | C67 | Vance, D.W., "Optical Characteristics of Electrophoretic Displays", Proceedings of the SID, 18, 267 (1977) | |
| | C68 | Vandegaer, J.E. (ed.), "Microencapsulation Processes and Applications", pp. v-x, 1-180 (Plenum Press, New York 1974) | |
| | C69 | Vaz, N.A., et al., "Dual-frequency addressing of polymer-dispersed liquid-crystal films", J. Appl. Phys., 65, 5043 (1989) | |
| | C70 | Wang, J.S. et al., "Controlled/'Living' Radical Polymerization. Atom Transfer Radical Polymerization in the Presence of Transition-Metal Complexes", J. Am. Chem. Soc., 117, 5614 (1995) | |

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| NON-PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-------------|---|----------------|
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| | C71 | Wang, J-S, et al., "Controlled/Living' Radical Polymerization. Halogen Atom Transfer Radical Polymerization Promoted by a Cu(I)/CU(II) Redox Process", Macromolecules 1995, 28, 7901-7910 | |
| | C72 | Webber, R., "Image Stability in Active-Matrix Microencapsulated Electrophoretic Displays", SID 02 Digest, 126 (2002) | |
| | C73 | White, R., "An Electrophoretic Bar Graph Display," Proceedings of the SID, 22, 173 (1981) | |
| | C74 | Whitesides, T. et al., "Towards Video-rate Microencapsulated Dual-Particle Electrophoretic Displays", SID 04 Digest, 133 (2004) | |
| | C75 | Wood, D., "An Electrochromic Renaissance?" Information Display, 18(3), 24 (March 2002) | |
| | C76 | Yamaguchi, Y., et al., "Toner display using insulative particles charged triboelectrically", Asia Display/IDW '01, page 1729, Paper AMD4-4 (2001) | |
| | C77 | Yang, Y., et al., "A new architecture for polymer transistors", Nature, 372, 344 (1994) | |
| | C78 | Zehner, R. et al., "Drive Waveforms for Active Matrix Electrophoretic Displays", SID 03 Digest, 842 (2003) | |
| | C79 | Zollinger, "Structures of Simple Di-Triarylmethine Dyes", in Color Chemistry: Syntheses, Properties and Applications of Organic Dyes and Pigments, 2nd Rev. Edition, VCH, Weinheim, p.73 (1991) | |
| | C80 | Zurer, P., "Digital Ink Brings Electronic Books Closer," Chemical and Engineering News, July 20, 1998, page 12 | |

| | | | |
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